Joint Portable Decontamination System (JPDS)

NBC OAG Decision Brief

JPDS Capability

- JPDS will consist of a decontamination applicator and decontaminant. Primary use will be for immediate and operational decon. JPDS may be used to augment/support thorough decontamination operations. The decontaminant will be the same as the JSTDS (SS)

Current and Future Capabilities

- Current Decontamination Capabilities
  - M100 Sorbent Decon System (SDS)
  - M291 personal decon kit.
  - Joint Service Personnel Decontamination System (Decon IPE, individual weapons and crew-served weapons below .50 caliber

MCCDC Observations

- We'll continue to follow program.
  - Addition to USMC inventory
    - No currently fielded large-scale decontamination systems in inventory
    - Justifying need becomes more difficult
  - May have application to support thorough/clearance decon
  - Rationale:
    - Design of system is too large for Marine Use supporting immediate decontamination
    - Vehicle mount is difficult and unnecessary if SDS continues to be used for immediate decontamination (mod changes required for vehicle mount and cost)
    - Joint Service Personnel/Skin Decontamination System (JSPDS) FOC 09

OAG Decision

- Do you want the JPDS

YES

NO

OAG Decision

- How would it be used
  - Vehicle Mounted? Yes No
  - Personnel Carried? Yes No
  - What Stages of Decon?
    - Immediate Yes No
    - Operational Yes No
    - Thorough Yes No

OAG Decision For Vehicles

- Vehicle Mounted Problems
  - What Vehicles
  - Mounting Cost
  - Vehicle Modifications

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OAG Decision For Personnel Carry

- How many do you need?
  - Squad
  - Platoon/Section
  - Company
  - Battalion/Squadron
  - Regiment/Wing

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OAG Decision For Immediate Decon

- Immediate Decon
  - Hatches and Latches
    - Current Decontamination Systems provide this capability (M291, M100 and JSPDS)

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OAG Decision For Operational Decontamination

- Operational Decon
  - MOPP Gear Exchange
    - Current Capabilities
      - M291, JSPDS
  - Vehicle Wash down
    - Current Capabilities
      - JSTDS SS
      - M100

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OAG Decision For Thorough Decontamination

- Thorough Decontamination
  - Detail Equipment Decon (DED)/Detail Aircraft Decon (DAD)
    - Current Capabilities
      - JSTDS
      - M100
  - Detail Troop Decon (DTD)
    - Not Required

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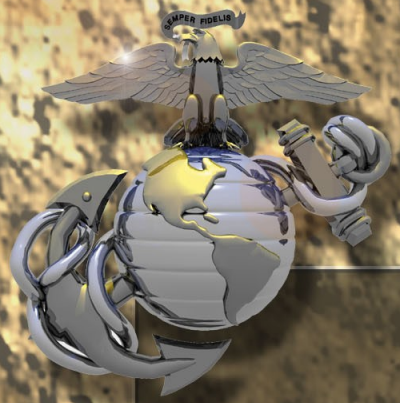

Questions?

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